

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
 Data File : BP007341.D
 Acq On : 06 Oct 2021 00:03
 Operator : CG/JU
 Sample : M4035-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 213

Quant Time: Oct 06 05:27:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

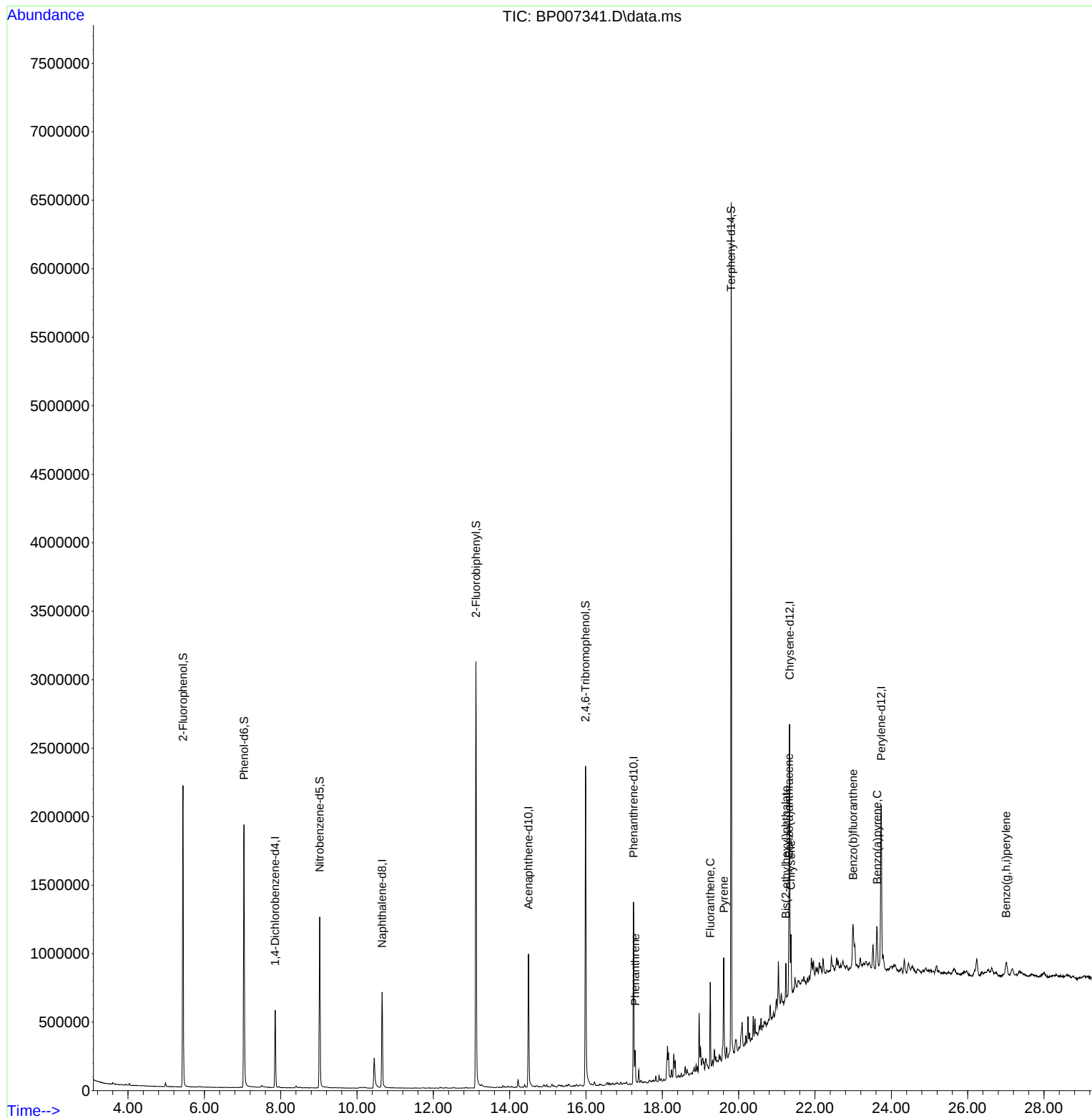
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	155671	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	608801	20.00	ng	# 0.00
39) Acenaphthene-d10	14.492	164	376893	20.00	ng	0.00
64) Phenanthrene-d10	17.245	188	824294	20.00	ng	# 0.00
76) Chrysene-d12	21.333	240	856343	20.00	ng	# 0.00
86) Perylene-d12	23.733	264	899856	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1029735	110.73	ng	-0.01
7) Phenol-d6	7.040	99	1245634	98.00	ng	-0.01
23) Nitrobenzene-d5	9.022	82	750740	71.81	ng	0.00
42) 2,4,6-Tribromophenol	15.987	330	534179	109.32	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	1740289	66.15	ng	-0.01
79) Terphenyl-d14	19.804	244	2757379	61.70	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.286	178	145760	3.30	ng	100
75) Fluoranthene	19.257	202	336564	6.61	ng	98
78) Pyrene	19.610	202	437306	7.78	ng	99
81) Benzo(a)anthracene	21.316	228	234918	4.23	ng	97
83) Chrysene	21.369	228	241084	4.54	ng	96
84) Bis(2-ethylhexyl)phtha...	21.239	149	94680	2.93	ng	99
88) Benzo(b)fluoranthene	22.998	252	257007	4.78	ng	# 91
90) Benzo(a)pyrene	23.627	252	201323	4.41	ng	# 94
92) Benzo(g,h,i)perylene	27.009	276	132832	2.51	ng	# 91

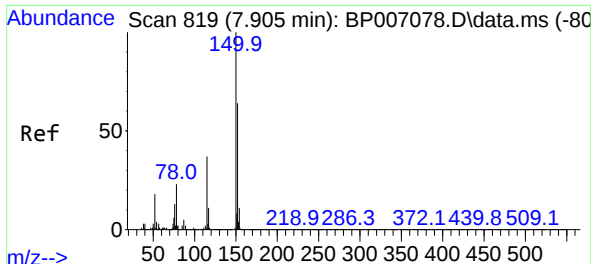
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100521\
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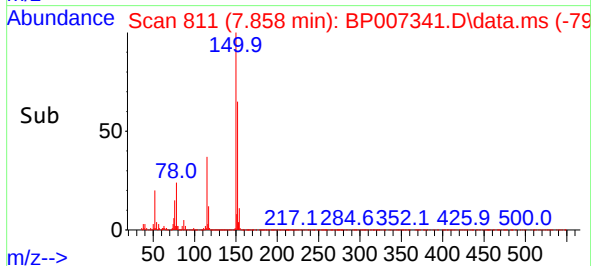
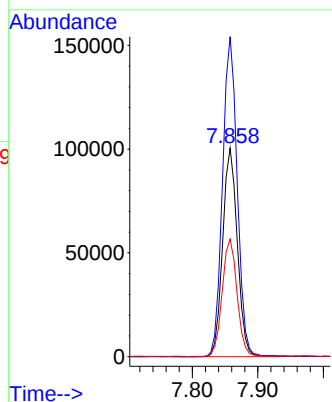
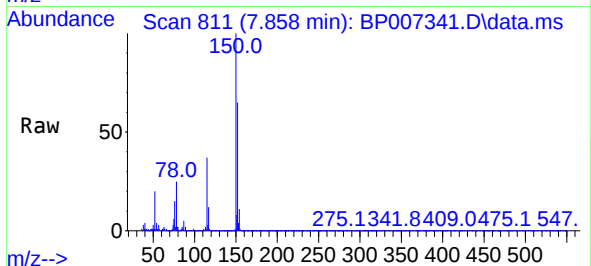




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

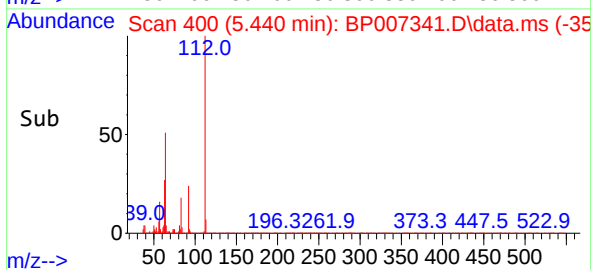
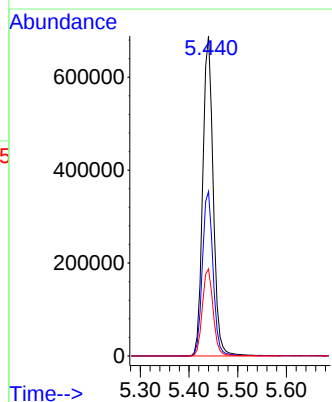
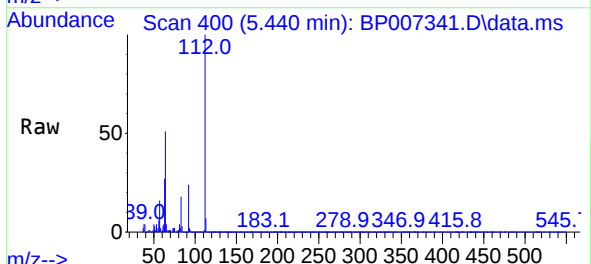
Instrument :
BNA_P
ClientSampleId :
213

Tgt Ion:152 Resp: 155671
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 56.4 48.5 72.7



#5
2-Fluorophenol
Concen: 110.73 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:112 Resp: 1029735
Ion Ratio Lower Upper
112 100
64 51.4 41.4 62.2
63 27.2 23.8 35.8

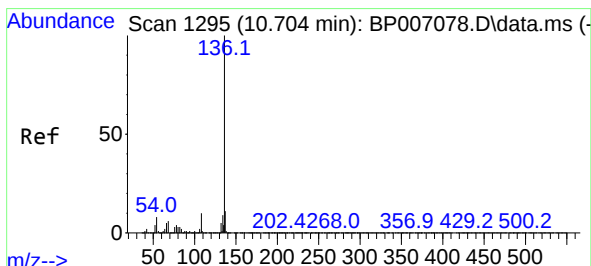
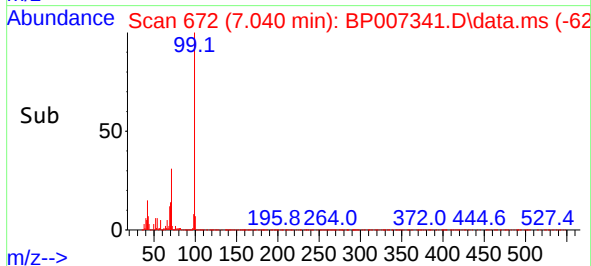
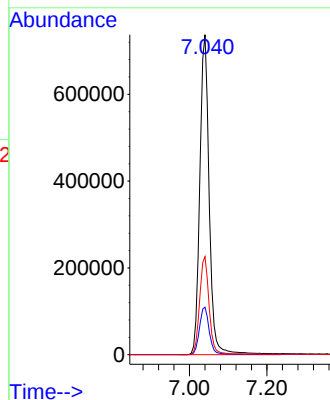
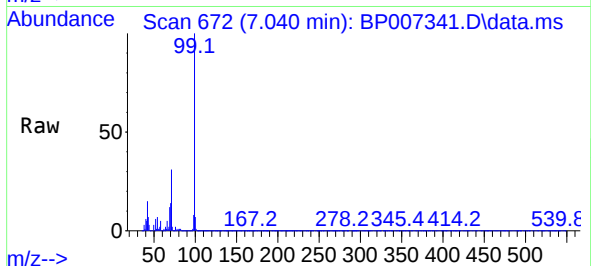




#7
Phenol-d6
Concen: 98.00 ng
RT: 7.040 min Scan# 672
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

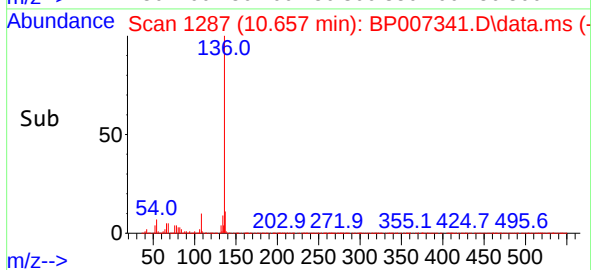
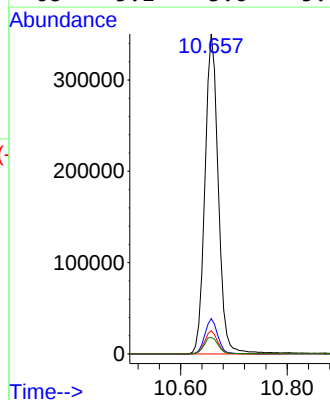
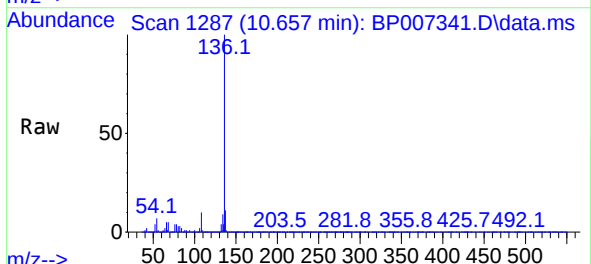
Instrument :
BNA_P
ClientSampleId :
213

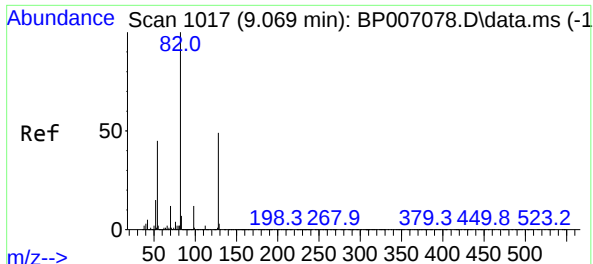
Tgt Ion: 99 Resp: 1245634
Ion Ratio Lower Upper
99 100
42 14.8 13.4 20.0
71 30.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion: 136 Resp: 608801
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.3 4.6 6.8#
68 5.1 3.6 5.4

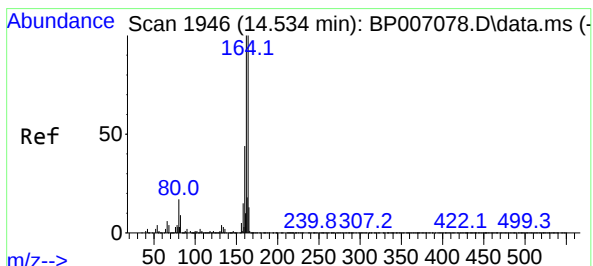
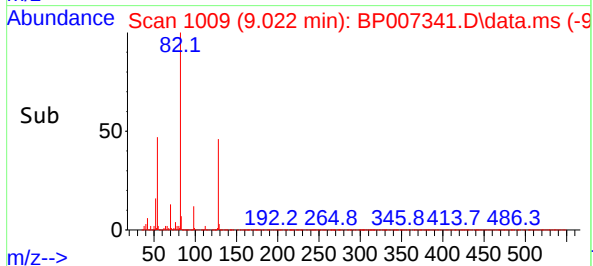
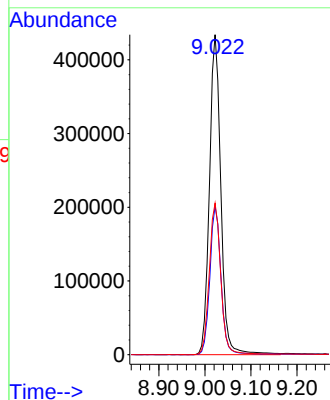
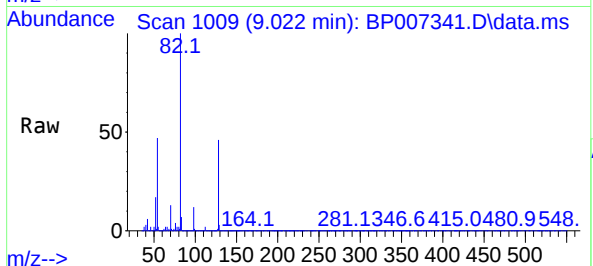




#23
Nitrobenzene-d5
Concen: 71.81 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

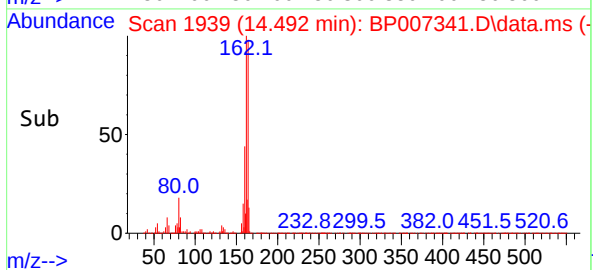
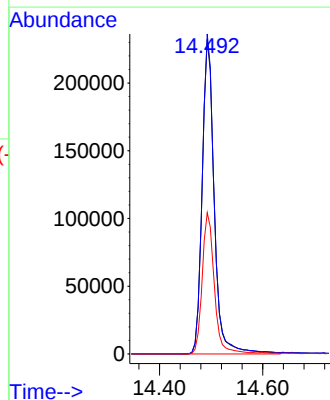
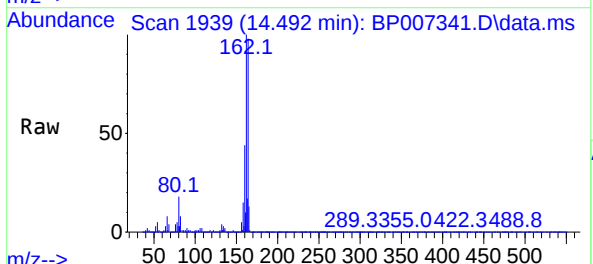
Instrument :
BNA_P
ClientSampleId :
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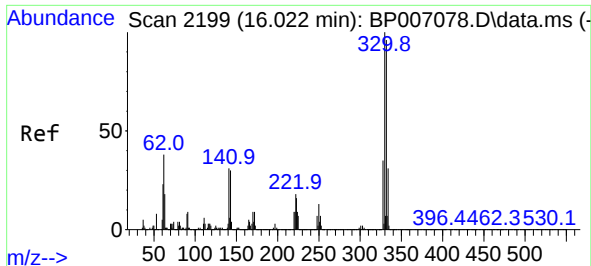
Tgt Ion: 82 Resp: 750740
Ion Ratio Lower Upper
82 100
128 46.4 35.7 53.5
54 47.4 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion: 164 Resp: 376893
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 44.9 34.5 51.7

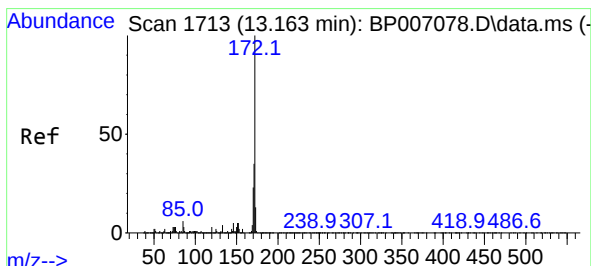
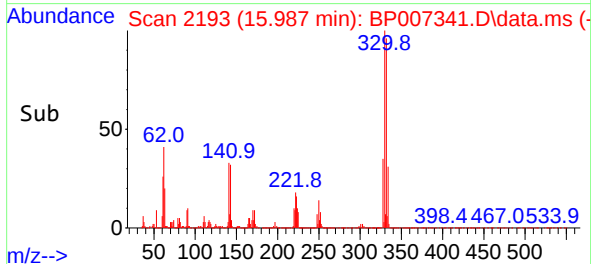
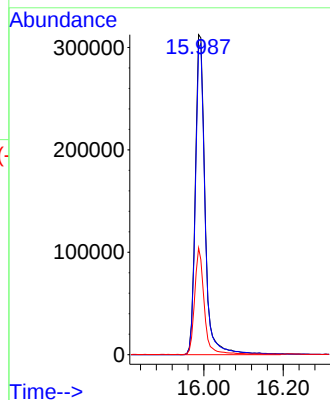
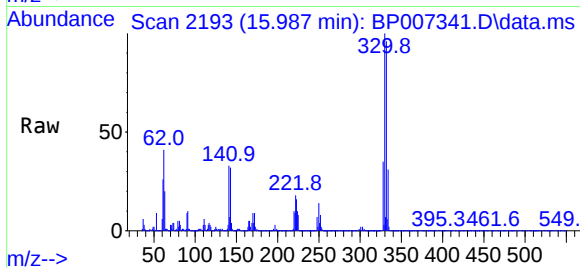




#42
2,4,6-Tribromophenol
Concen: 109.32 ng
RT: 15.987 min Scan# 2193
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

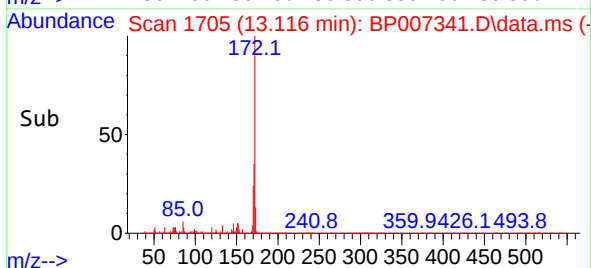
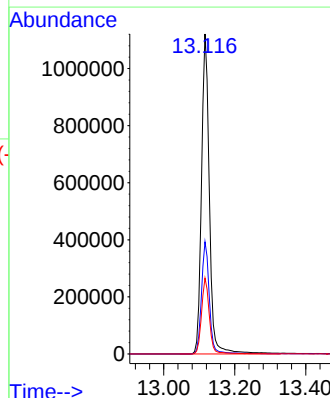
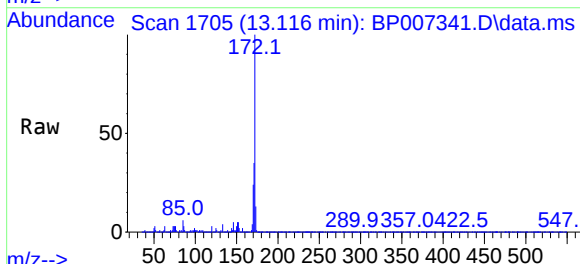
Instrument :
BNA_P
ClientSampleId :
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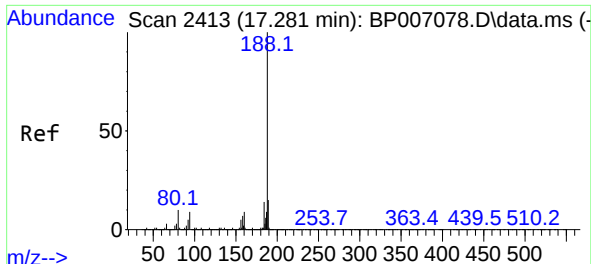
Tgt Ion: 330 Resp: 534179
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.8
141 32.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 66.15 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion: 172 Resp: 1740289
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.7 18.6 27.8

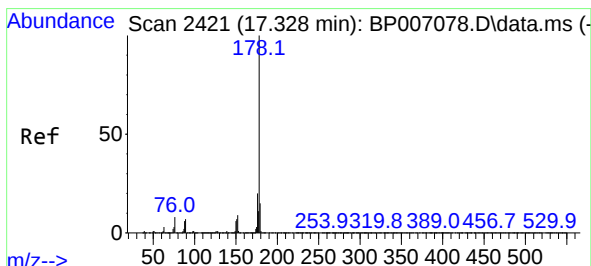
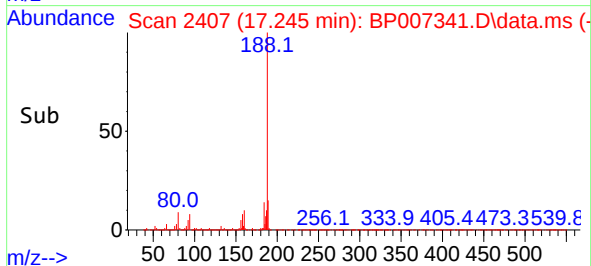
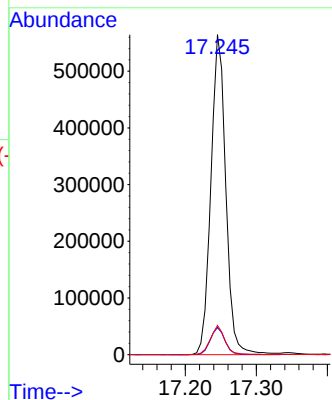
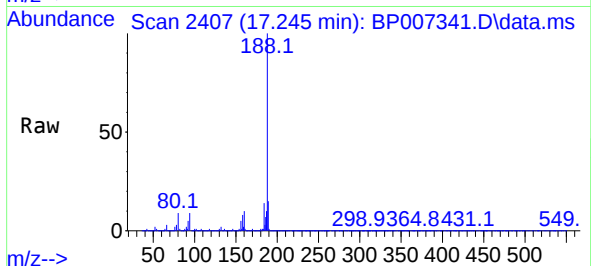




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.245 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

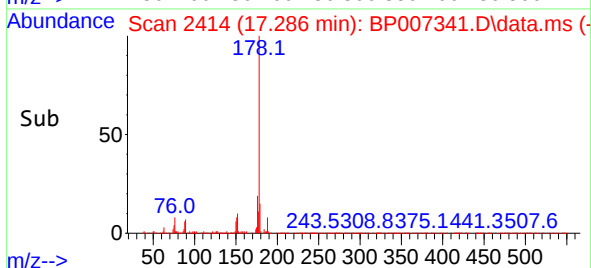
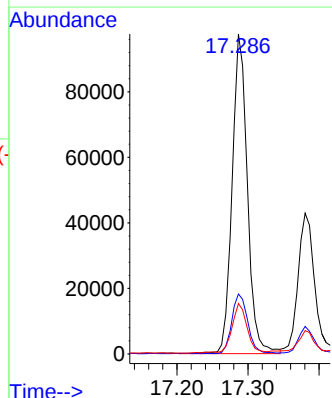
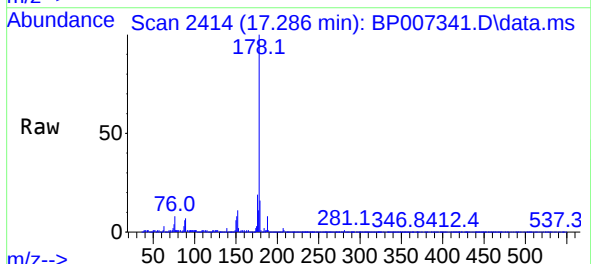
Instrument :
BNA_P
ClientSampleId :
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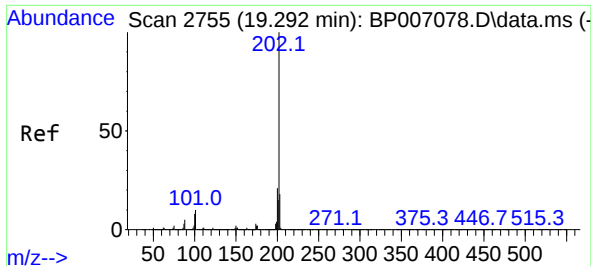
Tgt Ion:188 Resp: 824294
Ion Ratio Lower Upper
188 100
94 8.5 5.6 8.4#
80 9.1 6.3 9.5



#71
Phenanthrene
Concen: 3.30 ng
RT: 17.286 min Scan# 2414
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:178 Resp: 145760
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.8 12.4 18.6

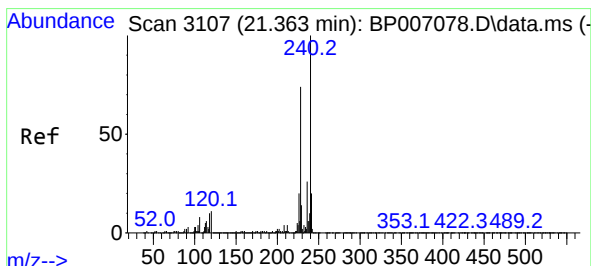
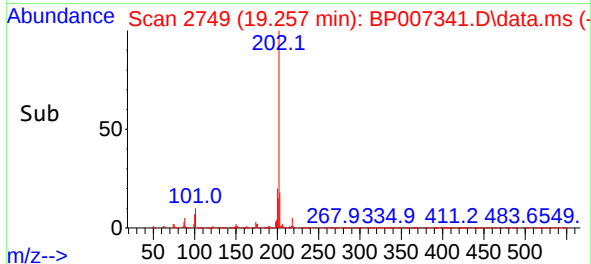
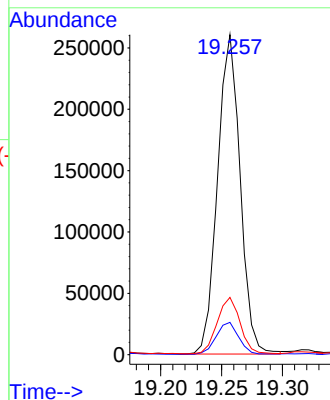
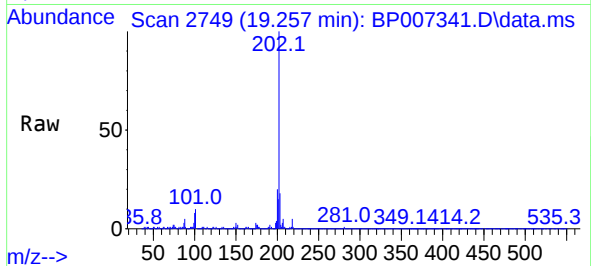




#75
Fluoranthene
Concen: 6.61 ng
RT: 19.257 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

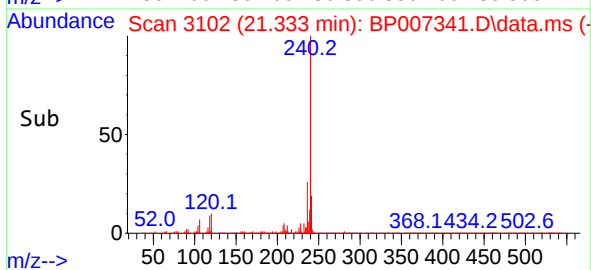
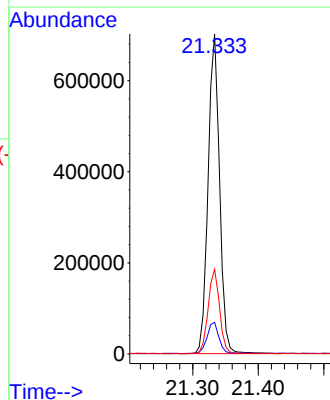
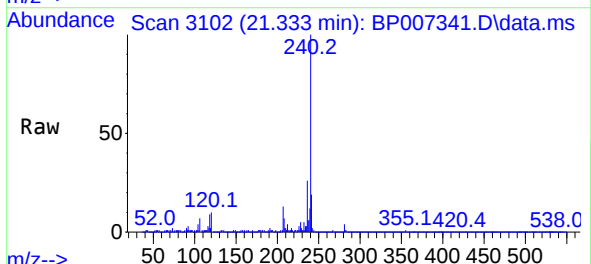
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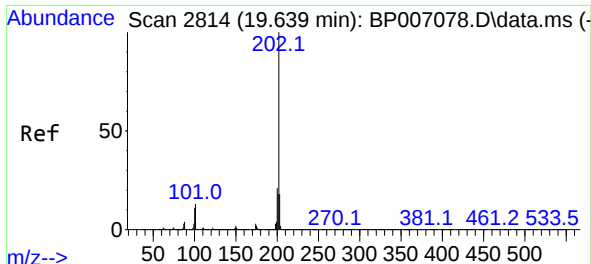
Tgt Ion:202 Resp: 336564
Ion Ratio Lower Upper
202 100
101 10.1 0.0 27.6
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:240 Resp: 856343
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 26.5 20.6 31.0

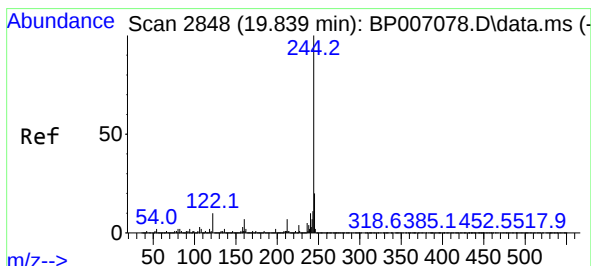
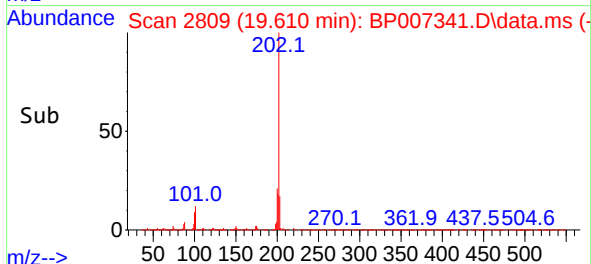
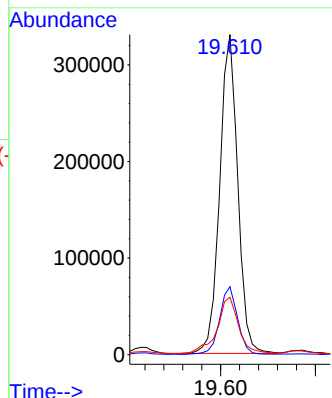
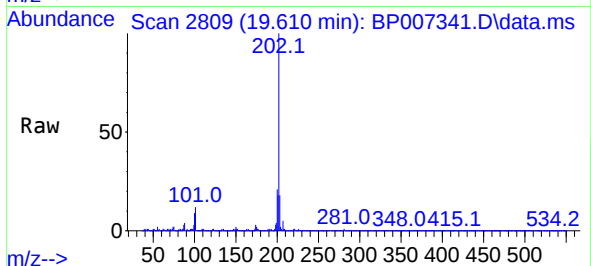




#78
Pyrene
Concen: 7.78 ng
RT: 19.610 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

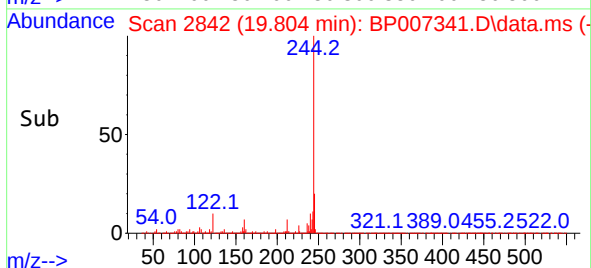
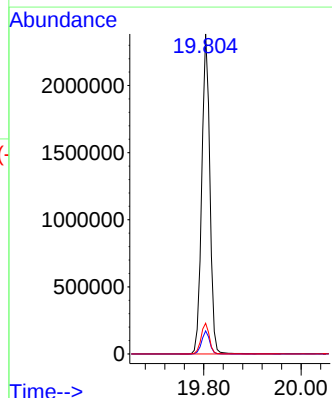
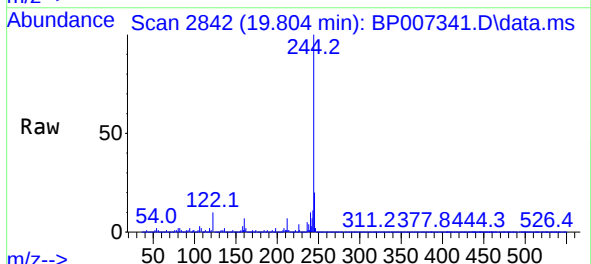
Instrument :
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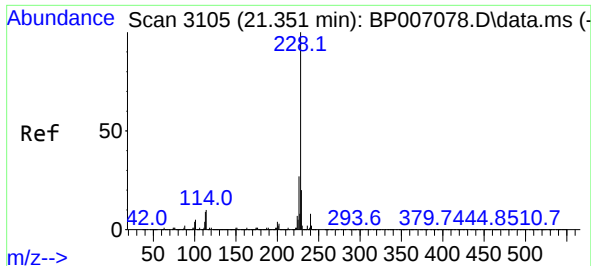
Tgt Ion:202 Resp: 437306
Ion Ratio Lower Upper
202 100
200 21.3 16.3 24.5
203 18.0 14.2 21.2



#79
Terphenyl-d14
Concen: 61.70 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:244 Resp: 2757379
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.6 7.1 10.7

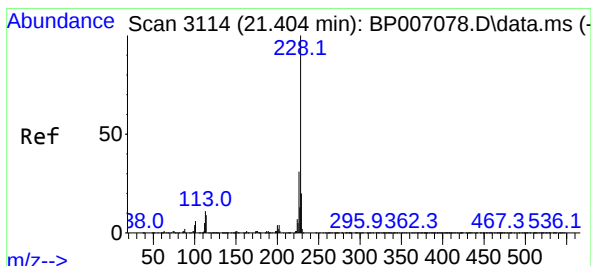
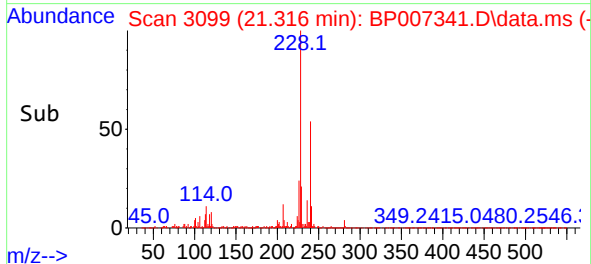
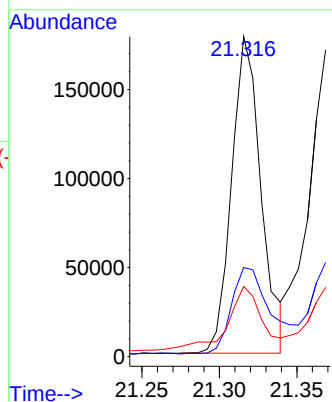
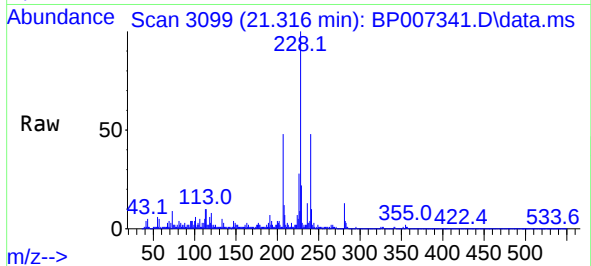




#81
Benzo(a)anthracene
Concen: 4.23 ng
RT: 21.316 min Scan# 3099
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

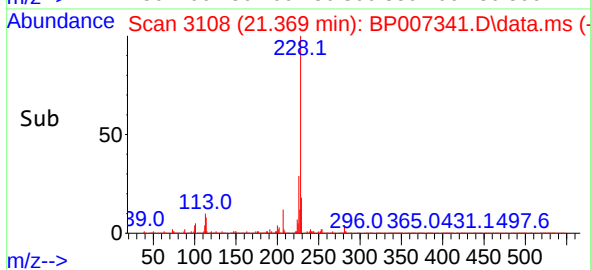
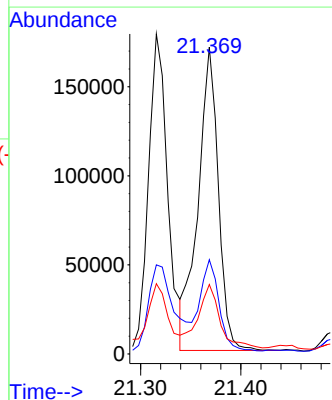
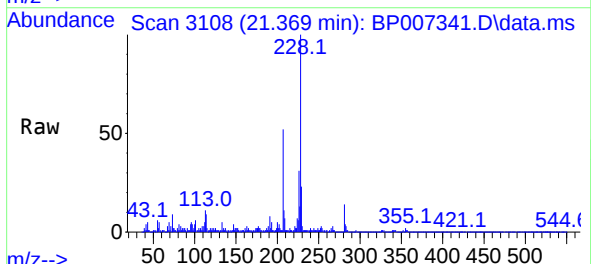
Instrument :
BNA_P
ClientSampleId :
213

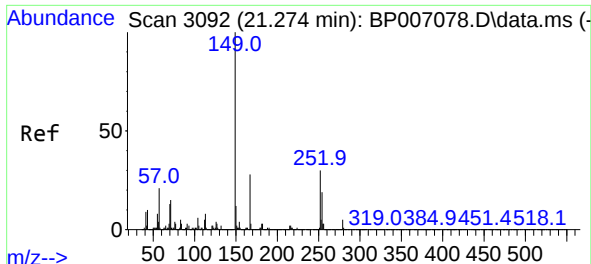
Tgt Ion:228 Resp: 234918
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 22.0 15.8 23.6



#83
Chrysene
Concen: 4.54 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:228 Resp: 241084
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.6
229 22.6 15.4 23.2

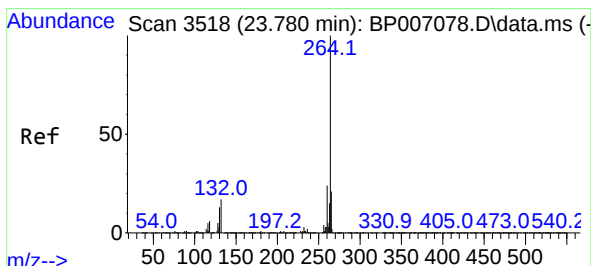
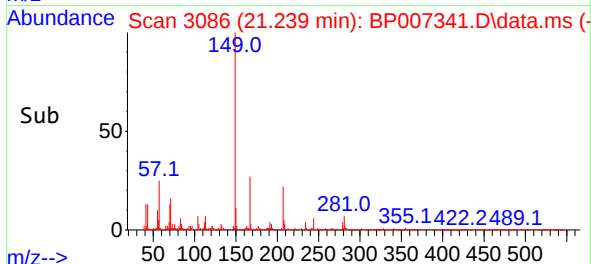
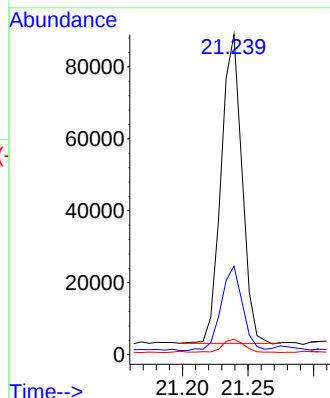
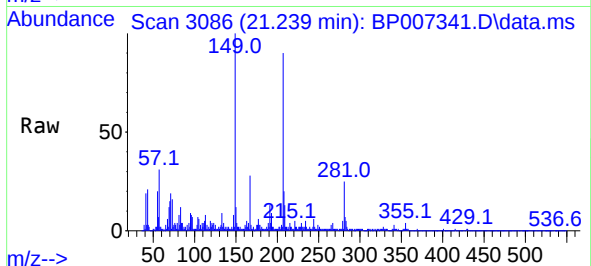




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.93 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

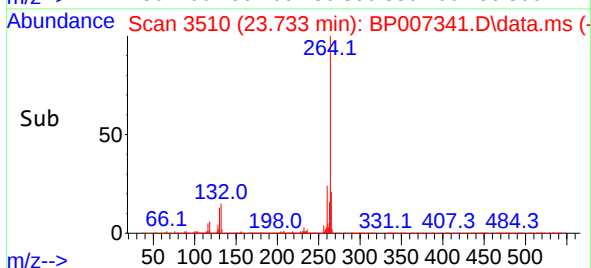
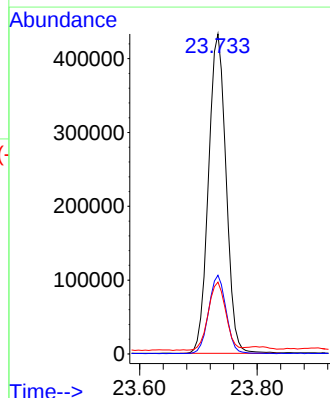
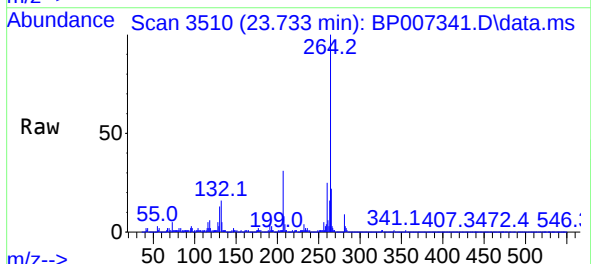
Instrument :
BNA_P
ClientSampleId :
213

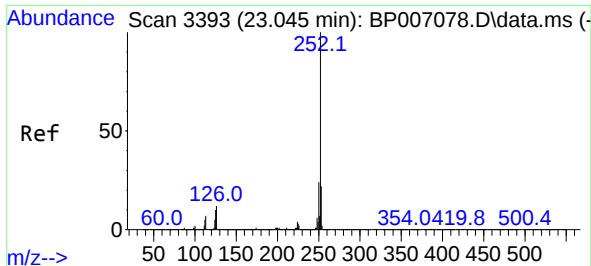
Tgt Ion:149 Resp: 94680
Ion Ratio Lower Upper
149 100
167 27.6 21.9 32.9
279 4.9 4.3 6.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.733 min Scan# 3510
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:264 Resp: 899856
Ion Ratio Lower Upper
264 100
260 24.6 18.6 28.0
265 22.4 17.6 26.4

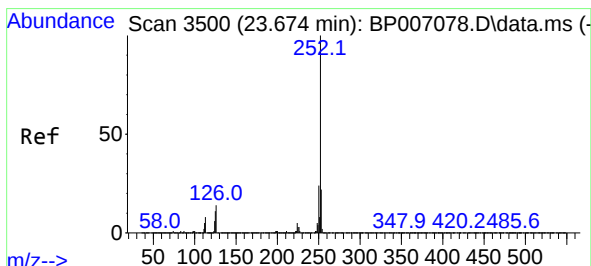
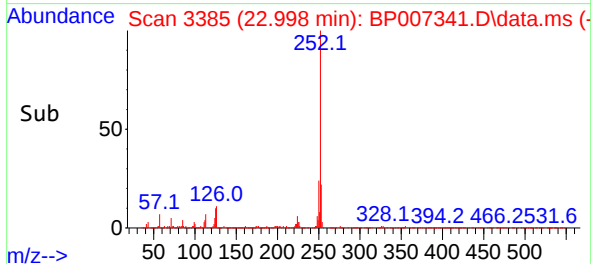
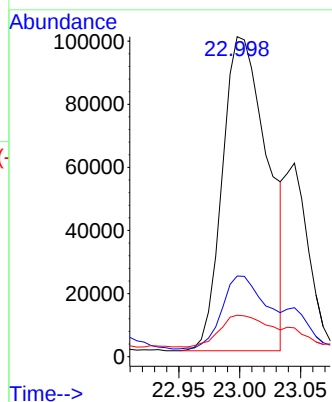
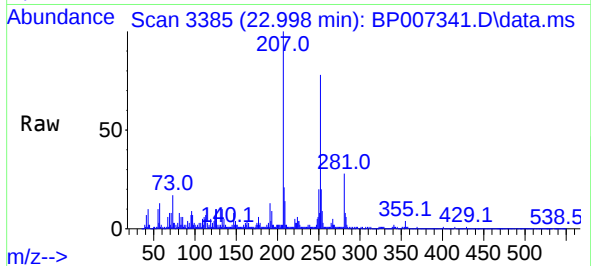




#88
Benzo(b)fluoranthene
Concen: 4.78 ng
RT: 22.998 min Scan# 3385
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

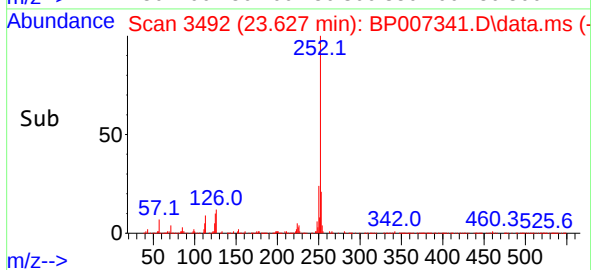
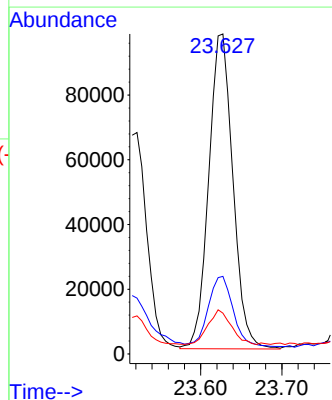
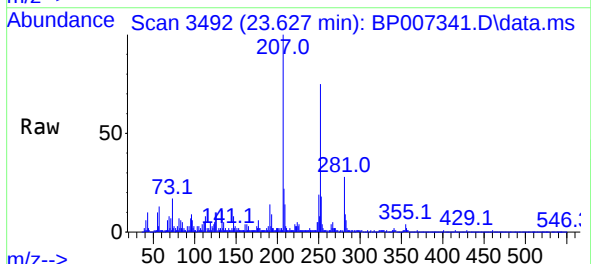
Instrument :
BNA_P
ClientSampleId :
213

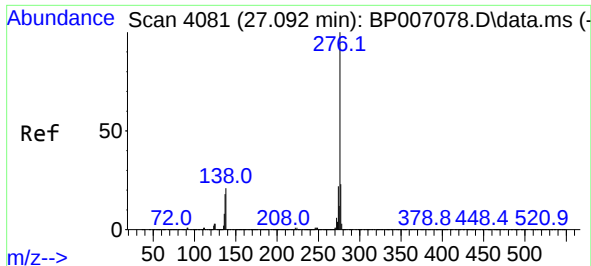
Tgt Ion:252 Resp: 257007
Ion Ratio Lower Upper
252 100
253 25.2 17.5 26.3
125 13.0 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 4.41 ng
RT: 23.627 min Scan# 3492
Delta R.T. -0.011 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Tgt Ion:252 Resp: 201323
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 12.8 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 2.51 ng
RT: 27.009 min Scan# 4067
Delta R.T. -0.035 min
Lab File: BP007341.D
Acq: 06 Oct 2021 00:03

Instrument :
BNA_P
ClientSampleId :
213

Tgt Ion:276 Resp: 132832
Ion Ratio Lower Upper
276 100
277 24.7 18.9 28.3
138 23.6 12.6 18.8#

